

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 2		
						August 2003		
TO: Director, Marine Division Jacksonville Port Authority, Jacksonville, FL			FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida					
RIVER/HARBOR NAME AND STATE Jacksonville Harbor, Duval Co., FL			MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD					
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				
Dames Pt-Fulton Cutoff: Cut-42, from red Light-36 to the Dames Point Bridge	Jul-2003	475-1000	2.9	40	41.8	41.1	42.0	42.2
Drummond Creek Range: Cut-50, from green Lighted Buoy-59 to 1,200 feet north of green lighted Buoy-63	Jul-2003	400-860	1.4	38	36.9 (1)	40.6	38.7	35.8 (2)
Trout River Cut: Cut-51, from 1,200 feet north of green lighted Buoy-63 to 200 feet south of red Lighted Buoy-68	Jul-2003	400-860	1.1	38	37.7	40.0	41.2	38.7
Chaseville Turn: Cut-52 thru Cut- 54, from 200 feet south of red Lighted Buoy-68 to approximately 700 feet south of green Lighted Buoy-71	Jul-2003	450-800	0.7	38	35.3 (3)	39.6	38.8	36.5 (4)
Long Branch Range: Cut-55, from approximately 700 feet south of green Lighted Buoy-71 to Terminal Channel	Jul-2003	650-1340	0.8	38	35.4 (5)	39.0	40.5	37.5
Terminal Channel: from north end to approximately 600 feet south of green Lighted Buoy-75	Jul-2003	575-1340	1.2	38	33.6 (6)	37.0 (6)	39.2	35.1 (7)
Terminal Channel: from 600 feet south of green Lighted Buoy-75 to to red Lighted Buoy-78	Jul-2003	575	0.6	34	29.9 (8)	31.4 (8)	34.3	31.6 (8)
Terminal Channel: from red Lighted Buoy-78 to end of Terminal Channel at Commodore Point	Jul-2003	575-1100	1.7	34	25.4 (9)	30.0 (9)	23.2 (9)	21.0 (9)
Blount Island Channel: Cut-F & G, from 200 feet south of Blount Island bridge to the junction of Cut-42 (Dames Pt-Fulton Cutoff Range)	Jul-2003	300-1000	2	38	36.2 (10)	37.3 (10)	36.1 (10)	31.6 (10)
Widener: Dames Pt-Fulton Cutoff Range (Cut-42) & Blount Island Channel (Cut-G)	Jul-2003	0-1060	0.3	38	40.3	40.3	39.0	40.7

Remarks:

- 1. Minor shoaling along eastern edge of widener of Cut-50 (Drummond Creek Range) and Cut-51 (Trout River Cut).
- 2. Shoaling along northern edge of channel from red Lighted Buoy-58 extending approximately 2,000 feet westerly. Shoaling

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- extends into channel a maximum distance of 80 feet.
3. Shoaling along eastern edge of channel in Cut-53.
 4. Shoaling along western edge of channel in Cut-54.
 5. Shoaling throughout eastern corner of channel between Cut-55 (Long Branch Range) and Terminal Channel.
 6. Shoaling throughout eastern side of channel in vicinity of green Lighted Buoy-75.
 7. Spot shoaling along western side of channel, opposite USACE depot.
 8. Shoaling throughout eastern half of channel in vicinity of green Light-77.
 9. Shoaling at various locations throughout reach, mostly near southern end of Terminal Channel.
 10. Shoaling throughout channel.